

# DEATH VALLEY NATIONAL MONUMENT

## PUBLIC USE REPORTING AND COUNTING INSTRUCTIONS

Following are detailed instructions for collecting and reporting data to be entered on Form 10-157, Revised, Monthly Public Use Report by Death Valley National Monument. These instructions are effective the date of issuance and will continue in effect unless changed by amendment or by memorandum from the Socio-Economic Studies Division to the superintendent approving a requested change.

Each item below describes the procedures to be followed in collecting public use data and summarizing the various elements of those data for entry on the corresponding line on the 10-157, Monthly Public Use Report.

### Recreation Visits

- A. Pneumatic tube traffic counters are installed on the entrance lanes of the following roads.
1. Big Pine Road
  2. Grapevine Canyon Road (County Road 267)
  3. Daylight Pass Road (County Road 374)
  4. Townes Pass Road (County Road 190 eastbound)
  5. Ryan Road (County Road 190 westbound)
  6. Wildrose Road
  7. Ashford Road (County Road 178)

The traffic counts are summed and reduced for nonreportable vehicles (1,264), trailer axles (2 percent of total vehicles), and buses. The reduced traffic count is multiplied by 0.96 percent to estimate the number of recreation vehicles. The recreation vehicle traffic count is multiplied by the persons-per-vehicle multiplier of 3.2.

- B. The number of planes that land at Furnace Creek and Stovepipe Wells is multiplied by the persons-per-plane multiplier of 2.2.
- C. The number of bus passengers at Furnace Creek.
- D. The number of visitors at Stovepipe Wells Motel.
- E. The number of visitors at Stovepipe Wells RV camping area.

### Nonrecreation Visits

The traffic counts in Recreation Visits (A above) are summed and reduced for nonreportable vehicles (1,264), trailer axles (2 percent of total vehicles), and buses. The reduced traffic count is multiplied by 0.04 percent to estimate the number of nonrecreation vehicles. The nonrecreation vehicle traffic count is multiplied by the persons-per-vehicle multiplier of 3.2.

### Recreation Visitor Hours

Recreation visitor hours are the sum of the subtotals of each of the categories listed in Table 1. Each

subtotal is the result of multiplying the number of visitors associated with that category by its length-of-stay multiplier.

**Table 1**  
**Average Length of Stay Multipliers by Category**

CATEGORY	AVERAGE LENGTH-OF-STAY
0.80 Percent of the Total Recreation Visitors	4 Hours
0.20 Percent of the Total Recreation Visitors	12 Hours
Total Overnight Stays	12 Hours

#### Nonrecreation Visitor Hours

The total nonrecreation visitors are multiplied by 1.5 hours.

#### Overnight Stays

Concessioner Lodging - Stovepipe Wells Motel

The number of overnight stays at the concessioner managed lodge.

Concessioner Campgrounds - Stovepipe Wells RV Sites

The number of recreational vehicles campers.

NPS Campgrounds - Wildrose Area, Emigrant, Stovepipe Wells, Mesquite Springs, Furnace Creek, Sunset, and Texas Springs

The number of tent or RV sites occupied is multiplied by the persons-per-site multiplier of 3.2.

NPS Miscellaneous - Texas Springs Group Camping Area

The number of overnight stays at group camping areas.

#### Special Use Data

- Line a. Big Pine Road vehicles
- Line b. Grapevine Canyon vehicles
- Line c. Daylight Pass Road vehicles
- Line d. Townes Pass Road vehicles
- Line e. Ryan Road vehicles
- Line f. Wildrose Road vehicles
- Line g. Ashford Road vehicles
- Line n. The number of tour buses